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## (54) AMORPHOUS ALPHA-OLEFIN-BASED COPOLYMER COMPOSITION AND USE THEREOF

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain the subject composition useful as a modifying agent, and capable of providing a thermoplastic resin excellent in balance in transparency, flexibility, heat-sealing property and impact strength by blending an amorphous  $\alpha$ -olefinic copolymer with a nucleating agent in a specific ratio.

SOLUTION: This amorphous  $\alpha$ -olefin-based copolymer composition is obtained by blending (A) 100 pts.wt. amorphous  $\alpha$ -olefinic copolymer containing 1-49 mol% ethylene component unit, 50-98 mol% propylene component unit and 1-49 mol% 4-20C  $\alpha$ -olefin, having no melting peak measured by a differential scanning calorimeter, 0.01-10 dl/g intrinsic viscosity  $[\eta]$  measured in 135° C decaline and  $\leq 4$  molecular distribution by GPC with (B) 0.001-5 pt.wt. nucleating agent. A thermoplastic resin composition consisting of 1-60 pt.wt. above composition as the modifying agent with 40-99 pt.wt. thermoplastic resin is excellent in a balance of its transparency, flexibility, heat-sealing property and impact strength.

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